

Cat. No. 43-484

OWNER'S MANUAL

Please read before using this equipment.

FM Programmable Intercom



RadioShack®

Your intercom is ETL listed to UL standards and meets all applicable standards.

WARNING: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.



CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN.



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.



This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.



This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

THE FCC WANTS YOU TO KNOW

Your intercom might cause TV or radio interference even when operating properly. To determine whether your intercom is causing the interference, turn the power off. If the interference goes away, your intercom is causing it. Try to eliminate the interference by:

- moving the intercom away from the receiver
- connecting your intercom to outlets that are on a different electrical circuit from the receiver
- contacting your local RadioShack store for help

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FEATURES



Your RadioShack FM Programmable Intercom is convenient and easy to set up and use — just plug it into any AC outlet. Three-wire AC wiring makes the intercom perfect for either home or office use. You get little interference from other appliances with the intercom's FM wireless configuration. You can also expand your system by including up to 12 of these intercoms (you must have at least two of them). You can page other stations, carry on a conversation with another intercom, monitor another station, and make announcements to all stations with the intercom system.

The intercom's other features include:

Station-to-Station Communication — allows you to communicate from one intercom to any other intercom in the system.

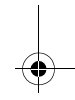
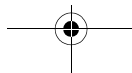
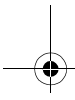
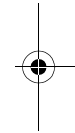
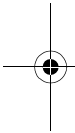
Station-to-Multi-Station Communication — supports announcement operation from any one intercom to all others (one way only).

Room Monitor — lets you continuously monitor a room.

Call Tone — signals another station.

Privacy Function (Do Not Disturb) — allows you to work uninterrupted.

Station Busy Feedback Tone — sounds to indicate a channel is in use.



INSTALLATION

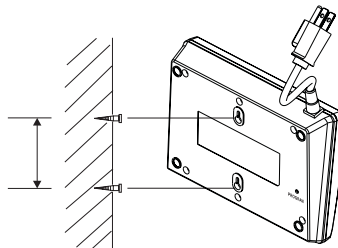
You must have at least two intercoms in your system. You can install an intercom almost anywhere there is a standard AC outlet. Simply plug the intercom into an AC outlet, then place it on a desk, shelf, or table, or mount it on a wall.

Important:

- Intercoms can transmit up to 300 feet (91.44 m) and between buildings as long as they are connected to any one of the three phases of a power line transformer.
- Install the intercoms at least 10 feet (3.05 m) apart. Placing the intercoms too close together produces feedback.

MOUNTING AN INTERCOM

To mount an intercom on the wall, you need two screws (not supplied) with heads that fit into the keyhole slots on the bottom of the intercom.

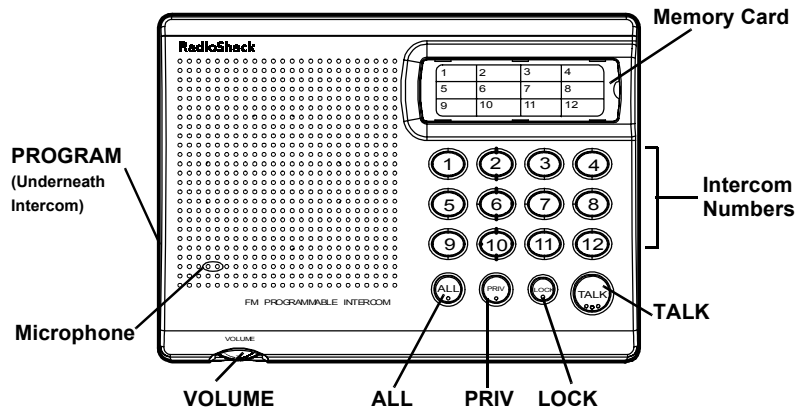


1. Mark the mounting screw locations $2\frac{3}{4}$ inches (70.3 mm) apart vertically.
2. Drill a hole at each marked location.
3. Thread a screw into each hole until the screw's head extends about $\frac{1}{8}$ inch (3.2 mm) from the wall.
4. Align the keyhole slots on the bottom of the intercom with the screw heads, then slide the intercom down to secure it.

OPERATION

TURNING AN INTERCOM ON AND OFF

To turn on an intercom, rotate **VOLUME** clockwise until it clicks. The assigned intercom indicator lights (see “Setting Up the System”). Adjust the volume to the desired listening level. To turn off an intercom, rotate **VOLUME** counterclockwise until it clicks.



Note: The intercom has only one channel; if it is busy, LOCK flashes. You cannot page another intercom while LOCK is flashing. If you press any intercom number (1–12) while LOCK is flashing, a busy tone sounds.

SETTING UP THE SYSTEM

1. Rotate **VOLUME** to turn on the intercom.

Notes:

- You cannot use the intercom system while programming an intercom station.
- If you do not press a button within 30 seconds, the intercom returns to standby. Start over from Step 1.



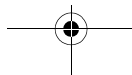
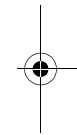
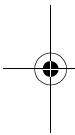
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2. Use a pointed object (such as a straightened paper clip) to press **PROGRAM** for 2 seconds so the current intercom number lights and all other numbers flash.
 3. Press the number you want to assign to this intercom (**1–12**). Do not set more than one intercom to the same number.
 4. Press **PROGRAM** again to store the setting and return to standby.

PAGING ANOTHER INTERCOM

1. Rotate **VOLUME** to turn on the intercom. Make sure all desired intercoms in the system are turned on.
2. To page another intercom, press that intercom's designated number (such as **2**, for example). The intercom number flashes and warbling tones sound, alerting the person at the other intercom that you are about to speak. (The corresponding intercom number flashes on all other intercoms, indicating that the channel is in use.)
3. Hold down **TALK** and speak into the microphone in a normal voice. (Or, press **LOCK** then the desired intercom number for hands-free operation.) Release **TALK**.

Notes:

- Only one party can talk at a time. Wait until the other party finishes before transmitting.
 - If there is no transmission for about 15 seconds, the intercom system returns to standby.
 - Only one intercom can transmit at a time.
4. Press the corresponding intercom number at the end of your conversation (or press any key if using hands-free operation) to return to standby, or press another intercom number to page that intercom.



STATION-TO-STATION CONVERSATION

You can use your intercom to carry on a conversation with another intercom in the system. While two intercoms are in conversation mode, no one else can transmit.

1. Hold down the desired intercom number (such as **2**, for example) for about 2 seconds until a tone sounds.
2. Continue to hold down the desired intercom number and speak into the microphone. Release the intercom number at the end of your transmission.

Note: If there is no transmission for about 15 seconds, the intercom system returns to standby.

3. To reply, hold down **TALK**. Release **TALK** at the end of your transmission.

PRIVACY

You can set the intercom so you will not be interrupted by pages or conversations.

To set the intercom to notify you with a tone and a flashing alert when another intercom is contacting you, press **PRIV** so two tones sound and PRIV flashes.

To set the intercom to silently notify you with the flashing alert only when another intercom is contacting you, hold down **PRIV** for about 2 seconds. A tone sounds and PRIV lights.

To reset your intercom to receive pages and calls, press **PRIV**. A tone sounds and PRIV turns off.

Note: If your intercom is set to privacy, you can still contact other intercoms and reply to pages.

MONITORING

You can set one intercom as a transmitting intercom and set another as a receiving intercom to monitor a specific room or area. For example, set the transmitting intercom in a baby's bedroom to pick up any sounds in that bedroom, then listen at the receiving intercom in another room. You can monitor only one intercom at a time.

To set up the transmitting intercom, press **LOCK** and the receiving intercom's number (at the same time) until a tone sounds. **LOCK** lights and the receiving intercom's number flashes on the transmitting intercom. On the receiving intercom, the transmitting intercom's number flashes.

When you finish monitoring, press any key on the transmitting intercom so **LOCK** turns off.

Note: While you are monitoring, the channel is in use and no other intercoms can transmit.

ANNOUNCEMENT

You can use one intercom to communicate with all intercoms simultaneously.

1. Hold down **ALL** for about 2 seconds so a tone sounds and the announcing intercom number flashes on all other intercoms.

Note: If the channel is in use, a busy tone sounds.

2. Continue to hold down **ALL** and speak into the microphone in a normal voice. Release **ALL** at the end of your transmission.

Note: If there is no transmission for about 8 seconds, **ALL** turns off and the system returns to standby.

3. To reply from another intercom, hold down **TALK**. When an intercom is in use, no other intercoms can transmit.

USING THE MEMORY CARD

You can keep track of the assigned intercom numbers and the people using them with the supplied memory card. Simply write down the name of the person using a particular intercom number next to that number on the memory card.

TROUBLESHOOTING

If your intercom system is not working as it should, these suggestions might help you eliminate the problem. If the intercom system still does not operate normally, take it to your local RadioShack store for assistance.

Problem	Solution
No channel indicator lights.	Make sure that the power cord is connected to AC power correctly.
	Make sure the desired intercoms are on.
No sound from speaker.	Slowly rotate VOLUME and listen again.
	Make sure PRIV is off.
	Check to see if you called the correct intercom.
Cannot answer a call.	Make sure that no other intercom is answering the call.
Receiving feedback.	Move the intercoms farther apart.
	Turn down the volume.
Cannot make a call.	Make sure that no other intercoms are in use.

CARE

Your RadioShack FM Programmable Intercom is an example of superior design and craftsmanship. The following suggestions will help you care for your intercom so you can enjoy it for years.



Keep the intercom dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.



Use and store the intercom only in normal temperature environments. Temperature extremes can shorten the life of electronic devices and distort or melt plastic parts.



Keep the intercom away from dust and dirt, which can cause premature wear of parts.



Handle the intercom gently and carefully. Dropping it can damage circuit boards and cases and can cause the intercom to work improperly.



Wipe the intercom with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the intercom.

Modifying or tampering with the intercom's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your intercom is not performing as it should, take it to your local RadioShack store for assistance.

FCC INFORMATION

This device complies with Part 15 of the *FCC Rules*. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the *FCC Rules*. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult your local RadioShack store or an experienced radio/TV technician for help.
- If you cannot eliminate the interference, the FCC requires that you stop using your intercom.

Changes or modifications not expressly approved by RadioShack may cause interference and void the user's authority to operate the equipment.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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We Service What We Sell

12/99

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